

Attorney Docket No. 60018300-0010

PATENT

IN THE CLAIMS:

1 - 20. (Canceled)

21. (Previously Presented) A method of performing a medical procedure, said method comprising:

providing a radiation-shielding cubicle having an interior defining a medical personnel region and including a first wall having an opening therein;

locating the cubicle with respect to an x-ray table so a portion of the x-ray table extends through the opening into the interior of the cubicle; and

separating medical personnel from an x-ray emitter disposed outside of the cubicle using the first wall to shield the medical personnel from radiation emitted by the x-ray emitter.

22. (Previously Presented) A method in accordance with claim 21 further comprising joining the x-ray table to the cubicle using a radiation-shielding flexible interface.

23. (Previously Presented) A method in accordance with claim 22 wherein said joining the x-ray table to the cubicle using a radiation-shielding flexible interface comprises joining the x-ray table to the first wall using the radiation shielding flexible interface.

24. (Previously Presented) A method in accordance with claim 21 further comprising sealing the opening in the first wall using a flexible radiation-resistant skirt.

25. (Previously Presented) A method in accordance with claim 21 further comprising circumferentially joining the x-ray table to the cubicle using a flexible radiation-resistant skirt.

26. (Previously Presented) A method in accordance with claim 21 further comprising attaching a radiation-shielding screen to the x-ray table so the radiation-

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shielding screen covers a portion of a patient supported by the x-ray table and covers a portion of a top surface of the x-ray table.

27. (Previously Presented) A method in accordance with claim 26 further comprising joining the first wall to the radiation-shielding screen using a flexible radiation-resistant skirt.

28. (Previously Presented) A method in accordance with claim 26 wherein the radiation-shielding screen has at least one port for facilitating access to the patient, said method further comprising:

inserting procedural equipment through the port to access the patient with the procedural equipment; and

performing a medical procedure on the patient using the procedural equipment.

29. (Previously Presented) A method in accordance with claim 28 further comprising positioning a cloak over the port to create a substantially radiation-resistant seal over the port and around the procedural equipment.

30. (Previously Presented) A method in accordance with claim 26 wherein the radiation-shielding screen has at least one port for facilitating at least one of connection and access to controls for at least one of the x-ray table, the x-ray emitter, and a catheterization system monitor, said method further comprising accessing the controls using the port to control at least one of the x-ray table, the x-ray emitter, and the catheterization system monitor.

31. (Previously Presented) A method in accordance with claim 21 further comprising:

detecting radiation levels within the radiation-shielding cubicle; and

terminating operation of the x-ray emitter when the detected radiation levels are above a predetermined level.

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32. (Previously Presented) A method in accordance with claim 21 further comprising monitoring portions of the patient located outside the radiation-shielding cubicle from inside the radiation-shielding cubicle using a video camera.

33. (Previously Presented) A method in accordance with claim 21 further comprising communicating with the patient from inside the radiation-shielding cubicle using a two-way microphone system.

34-46. (canceled)